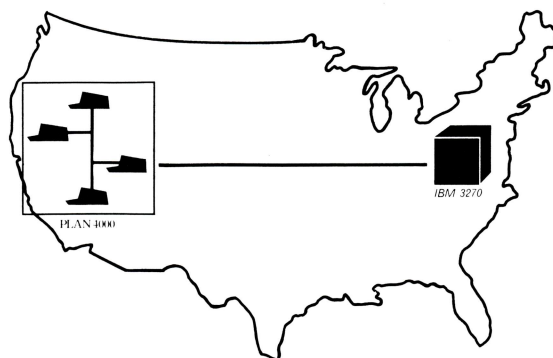


3270 EMULATOR SERVER



The 3270 Emulator Server allows personal computers on the Nestar PLAN 4000™ to act as 3278 display stations (equivalent to standard 3277). The server station interfaces with IBM mainframes that support the 3270 bisync protocols. In addition, the server station communicates with the other workstations on the network. Workstations request connection to the mainframe and then operate as if they were 3278 display stations. In the same manner, the mainframe communicates with the 3278 display stations which are really IBM PC, Apple II or Apple III workstations.

Features emulated by the 3270 Server software include a 24 row by 80 column screen, program function keys, program access keys and other special purpose keys. Screens may be written to a

UCSD P-system text file or printed on a shared printer. The personal computer workstation, in fact, performs just as an interactive 3277 display station.

As with all Nestar software, the 3270 Emulator Server is integrated into the PLAN 4000 system to create a total workstation environment for the community of users.

Features

- ☐ The Nestar 3270 Emulator allows one dedicated station on the network to emulate a remote 3274 and up to 16 stations to simultaneously emulate 3278's
- ☐ User stations can be a mixture of Apple II, Apple III and IBM PC computers
- ☐ Features emulated by the software include:
 - ☐ Upper/lower case display
 - ☐ 24 row by 80 column screen
 - ☐ Protected/unprotected fields
 - ☐ Program function keys 1-24
 - ☐ Program access keys 1-3
 - ☐ Clear key
 - ☐ Insert/delete keys
 - ☐ Cursor select function
 - ☐ Audible alarm
 - ☐ Numeric lock
- ☐ Screen may be written to a UCSD P-system text file or printed on a shared printer
- ☐ Bisync line discipline up to 9600 and is supported via leased lines.

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PLAN 4000™



SPECIFICATIONS SUMMARY

Hardware Requirements

Server Station

- ☐ Apple II (64K)
- ☐ CCS 7712 High Speed Serial Interface Card
- ☐ Network Interface Card
- ☐ High speed modem connected to a remote line

User Station

- ☐ Apple II (64K) with Network Interface Card
- ☐ Apple III (128K) with Network Interface Card
- ☐ IBM PC (64K) with Network Interface Card

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Due to our continuing program of product development, specifications are subject to change without notice.